HF Happenings 742

Lady Olave Baden-Powell 22 February 1889 and Lord Robert Baden-Powell 22 February 1857

South African Radio League National Field Day

The Committee has received 25 logs for the February leg of the National field Day. The provisional results will be published in SARL News on Sunday 26 February and HF Happenings 743.

Results of the PEARS National VHF and UHF Contest 2017

Poor Tropo conditions limited the analogue range to 390 km, as well as the number of contacts made. Koos, ZS3JPY, at Kleinzee and Lee, ZS5LEE, in Durban stated that they only worked one station each, Cobus, ZR3CVB in Port Nolloth and Rickus, ZS4A, at Bethlehem, respectively. Nevertheless at least 25 logs were received countrywide covering all six categories of the contest. What Tropo lacked Meteor Scatter made up for in the Digital contest where new records were established. Last year the overall analogue winner scored 82 075 points, whereas the current digital overall winner has now surpassed the 100 000 mark for the first time in the history of the PEARS contest. PEARS can now claim to be truly a National VHF/UHF Contest.

Overall Digital Winner
1st Pieter Jacobs, V51PJ (Base) - 101 430 points
2nd Rickus de Lange, ZS4A (Base) - 19 250 points
3rd Paul Smit, ZS6NK (Base) - 17 552 points.

Overall Analogue Winner

You can now download your copy of HF Happenings from www.sarl.org.za/hf_happenings.asp

February
5 - **AWA CW Activity**
10 to 12 - Love Rosendal Festival
11 and 12 - **SARL National Field Day**; Midmar Mile; Magoebaskloof Berry festival
14 - Valentine's Day
18 - **SARL Youth Sprint; AMSAT SA SDR Workshop at the NARC**
22 - **Closing date articles for March Radio ZS**
24 and 25 - Clarens Craft Beer Festival
25 - **West Rand ARC Flea Market**
26 - **SARL Digital Contest**
24 to 26 - Stellenbosch Wine Festival
27 - National Milk Tart Day

March
3 - World Day of Prayer for Women
4 - World day of Prayer for Men
CTARC Bumper Flea market
5 - **SARL Hamnet 40 m Contest**
8 to 14 - Scifest Africa, Grahamstown
11 and 12 - **SARL VHF/UHF Contest;** RSGB Commonwealth Con-

1st Cape Radio Group, ZS1CRG (Club) - 24 956 points (operated by ZS1DUP, ZS1HE, ZS1ABU, ZS1DWH)
2nd Christo Greyling, ZR6AUI (Field) - 19 680 points
3rd Rickus de Lange, ZS4A (Base) - 3 261 points.

Longest Distance on Digital
50 MHz: Pieter Jacobs, V31PJ, and Paul Smit, ZS6NK - 1347 km
70 MHz: Pieter Jacobs, V51PJ, and Paul Smit, ZS6NK - 1347 km
144 MHz: Pieter Jacobs, V51PJ, and Rickus de Lange, ZS4A - 1 138 km

Winner Limited Category (Digital):
Andre Botes, ZS2ACP (Base) - 43 832 points.

Winner Rover Category
1st Alex Gogos, ZR2T (Rover)- 4 142 points
2nd Andrew Gray, ZS2G (Rover) - 915 points.

Winners of the Divisional FM Category:
Division 6:
1st Max Bouckley, ZS6MAX (Base) - 490 points
2nd Kevin Suckling, ZS6KGS (Base) - 280 points

Division 2
1st Dakota Watson, ZU2DW (Field) - 180 points
2nd Hugo Ras, ZS2HR (Field) - 120 points.

Divisional Analogue Winners
Division 1
Cape Radio Group, ZS1CRG (Field) - 24 956 km.
Division 2
Al Akers, ZS2U (Base) - 1 574 points
Mike Higgs, ZU2MOO (Field) - 1710 points
Division 4
Rickus De Lange ZS4A (Base) - 3 261 points
Division 6: Christo Greyling, ZR6AUI (Field) - 19 680 points
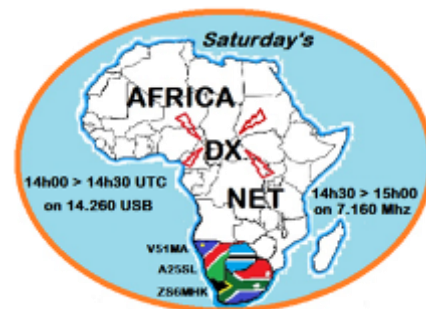
Standing Wave Ratio

Now might also be a good time to better understand your antenna *system*, especially how efficient it really is. Your antenna tuner may make your radio happy, but a modestly high shack-measured SWR combined with lossy coax cable might indicate you are radiating less of your signal than you think. Check out this technical note regarding SWR, keeping in mind that fractions-of-dB losses distributed through your system can add up https://www.arrl.org/files/file/Technology/tis/info/pdf/q1106037.pdf.

K3 to K3S Migration

Elecraft has a "K3 to K3S Migration" service that helps current K3 owners easily move their filters and other compatible options to a new K3S/100 www.elecraft.com/K3_K3S_Migration.htm. For one flat fee, the current K3 is sent to Elecraft, where the existing options are tested, updated to current firmware and mod revisions and then installed in a new K3S. Of course, additional K3S options can be purchased and added at the same time. The K3 and K3S are both returned in seven to ten business days, according to the Elecraft website http://elecraft.com/.

Word to the Wise - DMR: Digital Mobile Radio

A set of standards for digital voice and data communication via radio and published by ETSI for professional (commercial) mobile radio users http://

test
12 - Purim; Cape Town Cycle Tour
16 to 20 - Wild Trout Festival, Rhodes
17 - St Patrick's Day
17 to 19 - Lambert's Bay Kreeffees
20 - Autumn Equinox; School holiday
21 - Human Right's Day
25 and 26 - CQ WPX SSB Contest
27 - Closing date Radio ZS April
31 March to 9 April - Stars of Sandstone, Ficksburg
31 - All schools close

Building Spiderbeams for WRTC 2018

WRTC 2018 site details require months of preparation activities. Recent 15-meter Spiderbeam reflector and director element construction required preparation of 120 Spiderbeam elements, nearly a kilometre of wire, 480 insulators and tying 1 920 knots http://lists.wrtc2018.de/pipermail/wrtc2018/attachments/20170208/06ba4674/attachment.png. The three Saturdays required were described as "hard and boring." https://dk0ru.github.io/fotoalbum/wrtc-antennenbau/. Three Amateurs from the Uetersen Radio Club, Malte, DE7LMS, Olaf, DK2LO and Karl-Heinz, DB7BN, tackled the tasks.

Quote of the Week

"A few years ago I heard this person on 144,200. He was running about 50 watts. I was running 100 watts on my horizontal loop. He was having trouble hearing me. He was using a vertical that had a 4:1 SWR on 144,200. I told him that a horizontal antenna resonant at the low end of the band would make a huge difference. He did not think it would make any difference. Further, into the conversation, I found that he did not have the preamp on his radio turned on. He said that would not make any difference, either. I told him I had to go." Buddy, WB4OMG

www.dmrassociation.org/. Following an age-old tradition, commercial UHF and VHF DMR gear has been and continues to be repurposed for the amateur bands. As interest has grown, amateur-specific gear has become available. DMR appears to be quickly growing and is attracting the attention of many newer amateurs because of its novelty, rapid innovation in hardware and services, utility of various networks http://www.dmr-marc.net/ and system operators and inexpensive entry level radios. For experimenters, DMR building blocks (e.g. encoder/decoder modules, software, digital radios https://www.gigaparts.com/dv-mega-for-raspberry-pi.html) are available from a number of sources and are being combined with inexpensive computing hardware. There are even DMR hotspots in a USB form factor http://www.va2pv.com/dv4mini.

Audio peaking filter

Some radios have an "audio peaking filter" feature that maximizes audio response (volume) at a particular frequency. Another way to accomplish a similar feature is to design a speaker enclosure that is tuned to respond at desired frequency - a mechanical solution. This YouTube video by Steve, N4LQ, https://www.youtube.com/watch?v=MF8bk6958Hg describes how a 70's Sky Tec speaker is constructed and pointers on how to construct your own out of PVC pipe and other plastic odds and ends.

Antenna Restrictions

How low can you go with your HF antennas? If you are space constrained for 160 meters try this "No excuses" vertical by K6MM https://k6mm.com/pages/ant-v160.html. At only 7,5 m tall and painted green, perhaps your neighbours will not notice this in your backyard. John originally presented this as a joint Northern California Contest Club / Potomac Valley Radio Club webinar in 2009 http://www.k6mm.com/antennas/160-pvrcwebinar.pdf.

A Tip for K3 Users

Here's a technique to eliminate any PTT tail delay in your CW Macros with modern K3 firmware versions, as described by Bob, N6TV, in a recent e-mail to the Elecraft reflector http://elecraft.365791.n2.nabble.com/OT-Somewhat-Interesting-Ebay-Item-K2-td7626862i20.html, "The problem of unwanted PTT delay when using the internal keyer with VOX and computer-generated CW/PTT, was already addressed by the improvements to the RX; command in K3 firmware 5.46 and later. Sending an RX; command at the end of all computer-generated CW messages will immediately open the PTT line no matter how long you set the VOX delay, so there will be no delay in receiving when the computer-generated message terminates. You will still get the programmed CW VOX delay when hand sending and the PTT will be held closed for the duration of all computer-generated messages, if you follow all of the steps outlined below." Bob goes on to describe the macros to use with Win-Test and provides guidelines for other contest logging software.

African DX

Burkina Faso, XT2. Elvira, IV3FSG, will be active as XT2SE from the city of Ouagadouga between 17 February and 13 March. Activity will be limited to her spare time on 80 to 10 meters using SSB, RTTY and PSK31. She is there working on a project for the Informatici Senza Frontiere ONLUS. QSL via IK3GES.

African Islands
IOTA frequencies
CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz
SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Canary Islands, EA8. Tom, DL7UZO will be active as EA8/DL7UZO from Fuerteventura, Canary Islands (AF-004) from 25 February to 11 March. Plans are to operate from different WWFF areas and lighthouses, see www.funkstation.info for detailed information and direct link to Club Log's log search and OQRS.

Microsoft Windows

When Microsoft *Windows* boots, it interrogates serial ports connected to your system to look for peripherals like mice. Unfortunately, this may have the side effect of switching some lines, such as DTR, that are connected to radios or other devices. There were various techniques in previous *Windows* versions to prevent this, but those techniques do not work with *Windows* 10 https://serverfault.com/questions/350440/how-do-i-stop-windows-from-sending-random-data-to-serial-port-on-startup-and-shu. However, if you are using FTDI-based USB to Serial port hardware, Tom, VA2FSQ, suggests "If you open the device manager in Microsoft *Windows* and double-click on the serial port, you can select Port Settings and then Advanced. In this page, there are two options. One is 'Serial Enumerator', which should not be checked and the other is 'Disable modem ctrl at startup' which should be checked. This solves the issue at least for the FTDI chipset."

Novice Rig Roundup
00:00 UTC 18 February to 24:00 UTC 26 February
Mode: CW
Bands: 80, 40, 15, 10, 2 m
Classes: General; Novice; QRP
Max power: General: >60 watts; Novice: 60 watts; QRP: 5 watts
Exchange: RST, name, QTH, rig, Xtal or VFO and power
Work stations: Once per band
QSO Points: (see rules)
Bonus Points: (see rules)
Multipliers: Each state, province and country
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 31 March 2017
E-mail logs to: (none)
Upload log at: http://NoviceRigRoundup.com/logs.htm
Mail logs to: Brian Carling, AF4K, 117 Sterling Pine Street, Sanford, FL 32773, USA
Find rules at: http://novicerigroundup.com/

Run for the Bacon QRP Contest
02:00 - 04:00 UTC 20 February
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Band; All Band
Max power: 5 watts
Exchange: RST, state, province or country and member no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent
Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 26 February 2017
E-mail logs to: (none)
Upload log at: http://qrpcontest.com/pigrun/autolog.php
Mail logs to: (none)
Find rules at: http://qrpcontest.com/pigrun/

SKCC Sprint
00:00 - 02:00 UTC 22 February
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: (none)
Exchange: RST, state, province or country, name and SKCC no or power)
Work stations: Once per band
QSO Points: 1 point per QSO; Bonus Points: 5 points per Centurion member QSO per band; 10 points per Tribune member QSO per band; 25 points per QSO with SKCC club call (K9SKC) per band
Multipliers: Each state, province or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 23:59 UTC 24 February 2017
E-mail log summary to: (none)

Post log summary at: http://www.skccgroup.com/operating_activities/weekday_sprint/submit-display.php
Mail logs to: (none)
Find rules at: http://www.skccgroup.com/operating_activities/weekday_sprint/

NAQCC CW Sprint
01:30 - 03:30 UTC 22 February
Mode: CW
Bands: 80, 40, 20 m
Classes: (none)
Max power: 5 watts
Exchange: RST, state, province or country and NAQCC no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: Each state, province or country once
Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other
Score Calculation: Total score = total QSO points x total mults x key type mult
Submit logs by: 23:59 UTC 26 February 2017
E-mail logs to: naqcc33@windstream.net
Upload log at: http://naqcc.info/sprintlog.html
Mail logs to: (none)
Find rules at: http://naqcc.info/sprint/sprint201702.html

QRP Fox Hunt
02:00 - 03:30 UTC 22 February
Mode: CW
Bands: 40 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 23 February 2017
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at: http://www.qrpfoxhunt.org/winter_rules.htm

Phone Fray
02:30 - 03:00 UTC 22 February
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 24 February 2017

E-mail logs to: (none)
Post log summary at: http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.perluma.com/
Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 22 February and
03:00 - 04:00 UTC 23 February
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: Name and member no; non-Member:
Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC 25 February 2017
Post log summary at: http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.cwops.org/cwt.html

UKEICC 80 m Contest
20:00 - 21:00 UTC 22 February
Mode: CW
Bands: 80 m Only
Classes: Single Op Connected - high, low or QRP; Single Op
Unconnected - high, low or QRP
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
Exchange: 4-Character grid square
QSO Points: 1 point per 500 km; multiply QSO points by 2 if
low power station; multiply QSO points by 4 if QRP station
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 22:00 UTC 22 February 2017
E-mail logs to: (none)
Upload log at: http://logs.ukeicc.com/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at: http://www.ukeicc.com/which-contest/which-
contest-ukeicc-80 m-contests-rules

RSGB 80 m Club Championship, CW
20:00 – 21:30 UTC 23 February
Mode: CW
Bands: 80 m Only
Classes: (none)
Exchange: RST and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: (see rules)
Submit logs by: 23:59 UTC 24 February 2017
Upload log at: http://www.rsgbcc.org/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at: http://www.rsgbcc.org/hf/rules/2017/r80
mcc.shtml

NCCC RTTY Sprint
01:45 - 02:15 UTC 24 February
Mode: RTTY

Bands: (see rules)
Classes: (none)
Exchange: Serial no, name QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 26 February 2017
E-mail logs to: (none)
Post log summary at: http://www.3830scores.com/
Mail logs to: (none)
Find rules at: http://www.ncccsprint.com/rttyns.html

QRP Fox Hunt
02:00 - 03:30 UTC 24 February
Mode: CW
Bands: 80 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power
output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 25 February 2017
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at: http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint Ladder
02:30 - 03:00 UTC 24 February
Mode: CW
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: Single Op
Max power: 100 watts
Exchange: Serial, name and QTH
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1
point per QSO with an NA station
Multipliers: Each US state (including KL7 and KH6) once per
band; Each VE province once per band; Each North American
country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 26 February 2017
E-mail logs to: (none)
Post log summary at: http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.ncccsprint.com/rules.html

CQ 160-Meter SSB Contest
22:00 UTC 24 February to 22:00 UTC 26 February
Mode: SSB
Bands: 160 m Only
Classes: Single Op - QRP, low or high; Single Op Assisted –
high; Multi-Op - high
Max operating hours: Single Op: 30 hours; Multi-Op: 40
hours
Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts
Exchange: W/VE: RS and state or province; DX: RS and CQ
Zone
QSO Points: 2 points per QSO with own country; 5 points per
QSO with other countries on same continent; 10 points per
QSO with other continents; 5 points per QSO with maritime
mobile

Multipliers: Each US state and DC (excluding KH6/KL7); Each VE province; Each DXCCandWAE country (including KH6/KL7)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 22:00 UTC 3 March 2017
E-mail logs to: 160ssb@cq160.com
Mail logs to: CQ 160 Meter Contest, 17 West John St., Hicksville, NY 11801, USA
Find rules at: http://www.cq160.com/rules.htm

REF SSB Contest
06:00 UTC 25 February to 18:00 UTC 26 February
Mode: SSB
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Multi-Single - QRP, low or high; Club; SWL
Max operating hours: Single Op: 28 hours in no more than three increments of at least 1 hour each
Max power: HP: >100 Watts; LP: 100 Watts; QRP: 5 Watts
Exchange: French: RS and Department/Prefix; non-French: RS and serial no
Work stations: Once per band
QSO Points: French: 6 points per QSO with French station same continent; French: 15 points per QSO with French station on different continent; French: 1 point per QSO with non-French station same continent; French: 2 points per QSO with non-French station on different continent; non-French: 1 point per QSO with French station same continent; non-French: 3 points per QSO with French station on different continent
Multipliers: French/Corsica departments once per band; French overseas prefixes once per band; non-French DXCC countries once per band (available only to French stations)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 13 March 2017
E-mail logs to: cdfssb@ref-union.org
Mail logs to: (none)
Find rules at: http://concours.ref-union.org/reglements/actuels/reg_cdfhf_dx.pdf

UBA DX CW Contest
13:00 UTC 25 February to 13:00 UTC 26 February
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op All Band - low or high; Single Op Single Band - low or high; Single Op QRP; Multi-Op; SWL
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: ON: RST, serial no and province; non-ON: RST and serial no
Work stations: Once per band
QSO Points: 10 points per QSO with Belgian station; 3 points per QSO with other EU stations; 1 point per QSO with non-EU stations
Multipliers: Each Belgian province once per band; Each Belgian prefix once per band; Each EU DXCC country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 12 March 2017
E-mail logs to: ubacw@uba.be
Mail logs to: (none)
Find rules at: http://www.uba.be/en/hf/contest-rules/uba-dx-contest-rules

South Carolina QSO Party
15:00 UTC 25 February to 0159Z 26 February
Mode: CW, Digital, Phone
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: Single Op Fixed - CW, SSB, digital or mixed - QRP, low or high; Multi-Single Fixed - CW, SSB, digital or mixed - QRP, low or high; Multi-Multi Fixed - CW, SSB, digital or mixed - QRP, low or high; Mobile-Single - CW, SSB, digital or mixed - QRP, low or high; Mobile-Multi - CW, SSB, digital or mixed - QRP, low or high
Max power: HP: >100 W; LP: 100 W; QRP: 5 W
Exchange: SC: RS(T) and County; non-SC: RS(T) and state, province or "DX"
Work stations: Once per band per mode per county
QSO Points: 1 point per phone QSO; 2 points per CW or Digital QSO; SC stations contacting non-SC stations earn double QSO points
Bonus: 250 points per QSO with W4CAE, WW4SF
Multipliers: SC: Each SC county, US state (including DC) and VE province/territory once per mode; non-SC: Each SC county once per mode
Score Calculation: Total score = (total QSO points x total mults) and Bonus Points
Submit logs by: 27 March 2017
E-mail logs to: (none)
Upload log at: http://scqso.com/log-submission/
Mail logs to: (none)
Find rules at: http://scqso.com/rules/

North American RTTY QSO Party
18:00 UTC 25 February to 05:59 UTC 26 February
Mode: RTTY
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op – QRP or low; Multi-Two - low
Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours
Max power: LP: 100 watts; QRP: 5 watts
Exchange: NA: Name and state, DC, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state/DC (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 05:59 UTC 3 March 2017
Upload log at: http://www.ncjweb.com/naqplogsubmit/
Mail logs to: Mark Aaker, K6UFO, 300 Berry St., Unit 1009, San Francisco, CA 94158-1668, USA
Find rules at: http://www.ncjweb.com/NAQP-Rules.pdf

High Speed Club CW Contest
09:00 - 11:00 UTC 26 February and 15:00 - 17:00 UTC 26 February
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: HSC Members; Non-Members; QRP; SWL
Max power: 150 watts; QRP: 5 watts
Exchange: Members: RST and HSC no; non-Members: RST and "NM"

Work stations: Once per band per period
QSO Points: 5 points per QSO with a HSC member; 1 points per QSO with a non-member
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 18 March 2017
E-mail logs to: dr.joerg.hahn@gmail.com
Mail logs to: Jorg Hahn, PA1MUC, Crocusstraat 1, NL 2252 XH Voorschoten, Netherlands
Find rules at: http://www.highspeedclub.org/

SARL Digital Contest
13:00 UTC-16:00 UTC 26 February
Mode: PSK, RTTY

Bands: 80, 40, 20 m
Classes: (none)
Exchange: RST and QSO no
Work stations: Once per mode per band
QSO Points: (see rules)
Multipliers: (see rules)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 5 March 2017
E-mail logs to: contest@sarl.org.za
Mail logs to: (none)
Find rules at: http://www.sarl.org.za/Web3/Members/DoDocDownload.aspx?X=20161222085537waqSliCvbT.PDF

Next Week's Contests

QRP Fox Hunt, 02:00 - 03:30 UTC 1 March
Phone Fray, 02:30 - 03:00 UTC 1 March
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 1 March and 03:00 - 04:00 UTC 2 March
UKEICC 80 m Contest, 20:00 - 21:00 UTC 1 March
NRAU 10 m Activity Contest, 18:00 - 19:00 UTC (CW) 19:00 - 20:00 UTC (SSB) 20:00 - 21:00 UTC (FM) and 21:00 - 22:00 UTC 2 March (Dig)
NCCC RTTY Sprint, 01:45 - 02:15 UTC 3 March
QRP Fox Hunt, 02:00 - 03:30 UTC 3 March
NCCC Sprint, 02:30 - 03:00 UTC 3 March
ARRL International DX SSB Contest, 00:00 UTC 4 March to 24:00 UTC 5 March
Wake-Up! QRP Sprint, 06:00 – 06:29 UTC, 06:30 – 06:59 UTC, 07:00 – 07:29 UTC and 07:30 - 08:00 UTC 4 March
Open Ukraine RTTY Championship, 18:00 – 20:59 UTC (Low Band), 21:00 – 23:59 UTC (Low Band) 4 March and 08:00 –

10:59 UTC (High Band) and 11:00 – 13:59 UTC 5 March (High Band)
UBA Spring CW Contest, 07:00 - 11:00 UTC 5 March
DARC 10-Meter Digital Contest, 11:00 - 17:00 UTC 5 March
NSARA Contest, 12:00 - 16:00 UTC and 18:00 - 22:00 UTC 5 March
SARL Hamnet 40 m Simulated Emergency Contest, 12:00 - 14:00 UTC 5 March
RSGB 80 m Club Championship, Data, 20:00 – 21:30 UTC 6 March
ARS Spartan Sprint, 02:00 - 04:00 UTC 7 March
AGCW YL-CW Party, 19:00 - 21:00 UTC 7 March

HF Happenings

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter